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CENTRAL FAX CENTER****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****AUG 21 2006**

Patent Application No. 10/649,457

Applicant: Ronald G. Crystal et al.

Filed: August 27, 2003

TC/AU: 1632

Examiner: Marcia Stephens Noble

Docket No.: 216474 (Client Reference No. 3044-01 (US) BK)

Customer No.: 23460

Title: GENETIC VACCINES DIRECTED AGAINST BACTERIAL EXOTOXINS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY TO OFFICE ACTION**

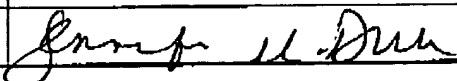
Sir:

In reply to the Office Action dated May 19, 2006, please enter the following amendments and consider the following remarks.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

<b>MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10</b>			
I hereby certify that this document and all accompanying documents are, on the date indicated below, being <input type="checkbox"/> deposited with the U.S. Postal Service using "Express Mail" service in an envelope addressed in the same manner indicated on this document with Express Mail Label Number <input type="checkbox"/> deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed in the same manner indicated on this document, or <input checked="" type="checkbox"/> facsimile transmitted to the U.S. Patent and Trademark Office at fax number: (571) 273-8300.			
Name (Print/Type)	Jennifer M. Duk		
Signature		Date	August 21, 2006